

**ABSTRACT**

The present invention provides a blow molding machine comprising a plurality of pillars 5 set up facing on a seat 4 above a base 3 located above a blow mold 2; a stationary platen 6 provided bridging on the top portions of the pillars 5; a moving cylinder 7 set on both side of the stationary platen 6; and a holding plate 9 of blow-core members, which is connected with a piston rod 7a of the moving cylinder 7, and 10 in which the pillars 5 are inserted vertically movable; and a clamp plate 15 projecting at both ends from the holding plate 9 outwardly, and a clamp block 16, which includes internally a pair of hydraulic cylinders 18 to clamp the clamp plate 15 from both sides with rams when the holding plate 9 is in the 15 lower limit position, which is provided on both sides of the seat 4.